



**MIAMI-DADE COUNTY**  
BUILDING CODE COMPLIANCE OFFICE (BCCO)  
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 372-6339

## **NOTICE OF ACCEPTANCE (NOA)**

[www.miamidade.gov/buildingcode](http://www.miamidade.gov/buildingcode)

Miami Wall Systems, Inc.  
701 West 25<sup>th</sup> Street  
Hialeah, FL 33010

### **SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION:** Series 122 Aluminum Single Hung Window – N.I.

**APPROVAL DOCUMENT:** Drawing No. 122-SH-N.I., titled "Single Hung Window 122 Series Non-Impact", sheets 1 through 6 of 6, dated 12/09/08 prepared manufacturer, signed and sealed by Jorge E. Valdes, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

**MISSILE IMPACT RATING:** None

**LIMITATIONS:** Miami Dade County approved shutters are required.

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA consists of this page 1 and evidence page E-1 as well as approval document mentioned above. The submitted documentation was reviewed by **Manuel Perez, P.E.**



NOA No. 08-1216.06  
Expiration Date: June 17, 2014  
Approval Date: June 17, 2009  
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No **122-SH-N.I.**, Sheets 1 through 6 of 6, titled "Single Hung Window 122 Series Non-Impact", and dated 12/09/08 prepared by manufacturer, signed and sealed by Jorge E. Valdes, P.E.

**B. TESTS**

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94  
along with marked-up drawings and installation diagram of an aluminum single hung window, prepared by Fenestration Testing Laboratory, Inc. Test Report No. **FTL-3387**, dated May 3, 2002, signed and sealed by Luis Figueredo, P.E.
2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Small Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94  
along with marked-up drawings and installation diagram of an aluminum single hung window, prepared by Fenestration Testing Laboratory, Inc. Test Report No. **FTL-3384**, dated May 3, 2002, signed and sealed by Luis Figueredo, P.E.

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC-2004, prepared, signed and sealed by Jorge E. Valdes, P.E. dated 12/09/08.  
**Complies with ASTM E1300-02/03**

**D. QUALITY ASSURANCE**

1. Miami Dade Building Code Compliance Office (BCCO).

**E. MATERIAL CERTIFICATIONS**

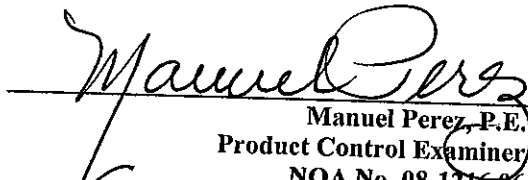
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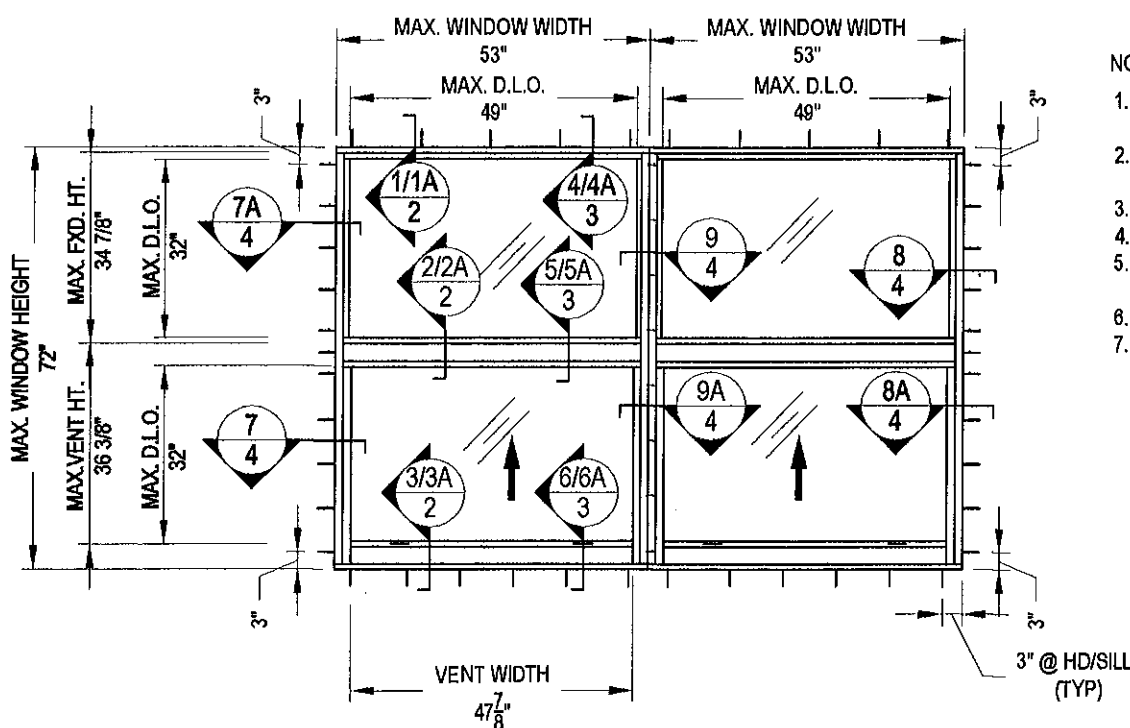
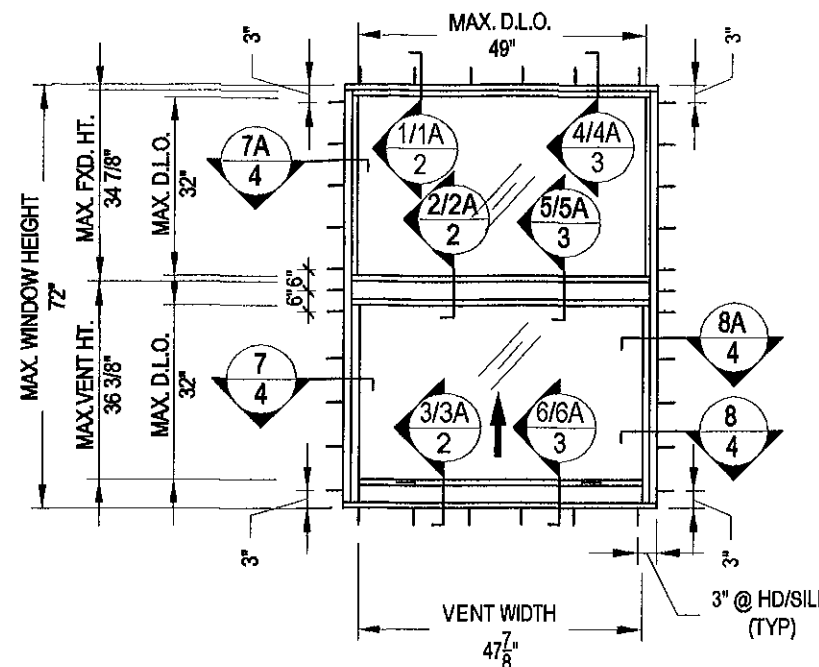
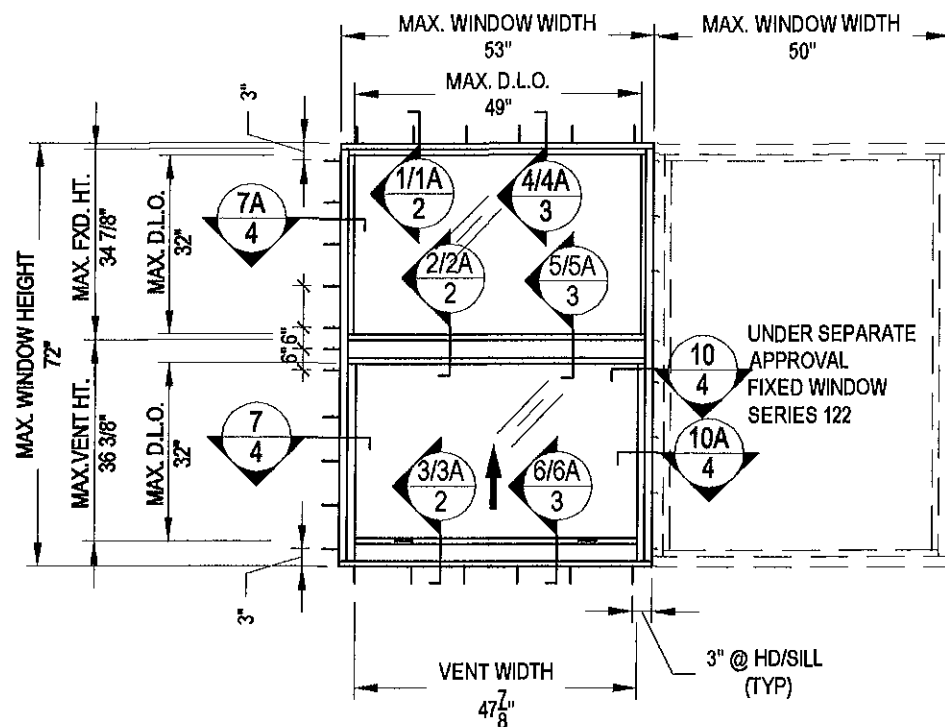
**F. STATEMENTS**

1. Statement letter of conformance, dated December 08, 2008, signed and sealed by Jorge E. Valdes, P.E.
2. Statement letter of no financial interest, dated December 09, 2008, signed and sealed by Jorge E. Valdes, P.E.

**G. OTHERS**

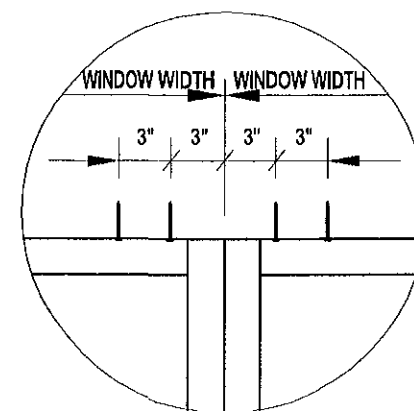
1. None.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 08-1216-06  
Expiration Date: June 17, 2014  
Approval Date: June 17, 2009

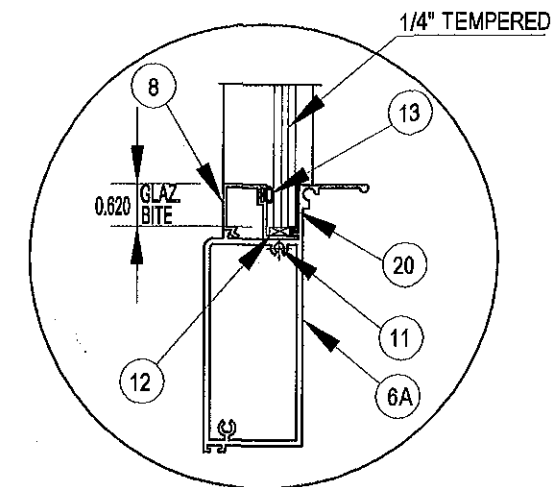


#### NOTES:

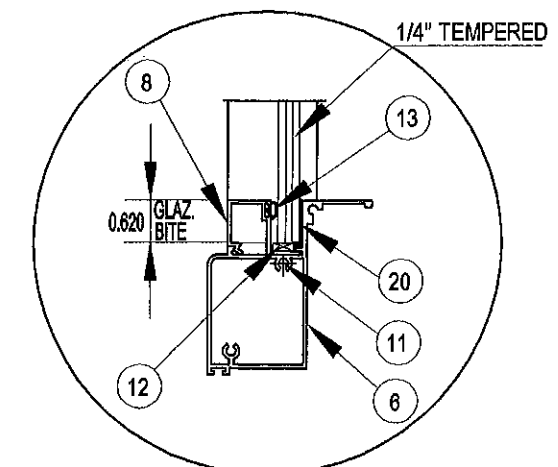
1. THIS PRODUCT HAS BEEN DESIGNED & TESTED IN ACCORDANCE WITH THE 2007 FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)
2. WOOD BUCKS MUST BE ENGINEERED TO TAKE THE WIND LOADS IMPOSED BY WINDOWS AND TO BE REVIEWED BY BUILDING OFFICIAL
3. FRAME CORNER, FIXED PANEL & MULLION SEALED W/ SILICONE.
4. LOCK OPTIONS INCLUDE CAM LOCKS OR SPRING LOCKS OR BOTH.
5. UN-CLIPPED VERTICAL MULLION APPLICATION SHALL BE LIMITED TO APPROVED WINDOW DIMENSIONS, SEE LOAD CHART FOR DETAILS.
6. USE CLUSTER OF (4) @ SILL / HEAD WHERE UN-CLIPPED VERTICAL MULLIONS OCCUR ONLY
7. MIAMI DADE COUNTY APPROVED H.V.H.Z. SHUTTERS ARE REQUIRED FOR INSTALLATION OF THESE WINDOWS IN WIND-BORNE DEBRIS REGION AS PER F.B.C.



DETAIL "A".  
CLUSTER OF 4 ANCHORS TYPICAL DETAIL  
AT INTERLOCKS (TOP AND BOTTOM)  
ONLY AT UN-CLIPPED MULLION CONDITION  
(SEE GENERAL NOTES 6 & 7)



OPTION No. 1  
GLAZING DETAIL USING HIGH SILL  
1/4" OVERALL THICKNESS TEMPERED GLASS



OPTION No. 2  
GLAZING DETAIL USING LOW SILL  
1/4" OVERALL THICKNESS TEMPERED GLASS

FRAME DIMENSIONS	GLAZING OPTION	DESIGN PRESSURE RATING (P.S.F.)		MULLION TYPE (SEE SHEET 6)	REINFORCEMENT @ METTING RAIL	MAX. FASTENERS SPACING	
						HEAD/SILL	JAMBS
53" X 72"	1	+ 120.0	-120.0	1	1" X 3/8" STEEL BAR	9 1/2"	9"
40" X 64"				3 (SEE DETAIL A IN SHEET 1)			
53" X 72"	2	+ 90.0	-90.0	2	NONE	11 3/4"	9 1/2"
40" X 64"				3 (SEE DETAIL A IN SHEET 1)			

Approved as complying with the  
Florida Building Code  
Date JUNE 17 2009  
NOA# 08-1216-06  
Miami Dade Product Control  
Division  
By James Perez

**Jorge E. Valdes**  
**Fla. PE# 67398**

12/11/08  
*[Signature]*

Miami Wall Systems, Inc.

701 West 25th Street  
Hialeah, Florida, 33010

Phone: (305) 888-2300 Fax: (305) 888-3058

SINGLE HUNG WINDOW 122 SERIES NON-IMPACT

ELEVATIONS  
GENERAL NOTES

REVISION

NO. DATE

DATE: 12/9/2008

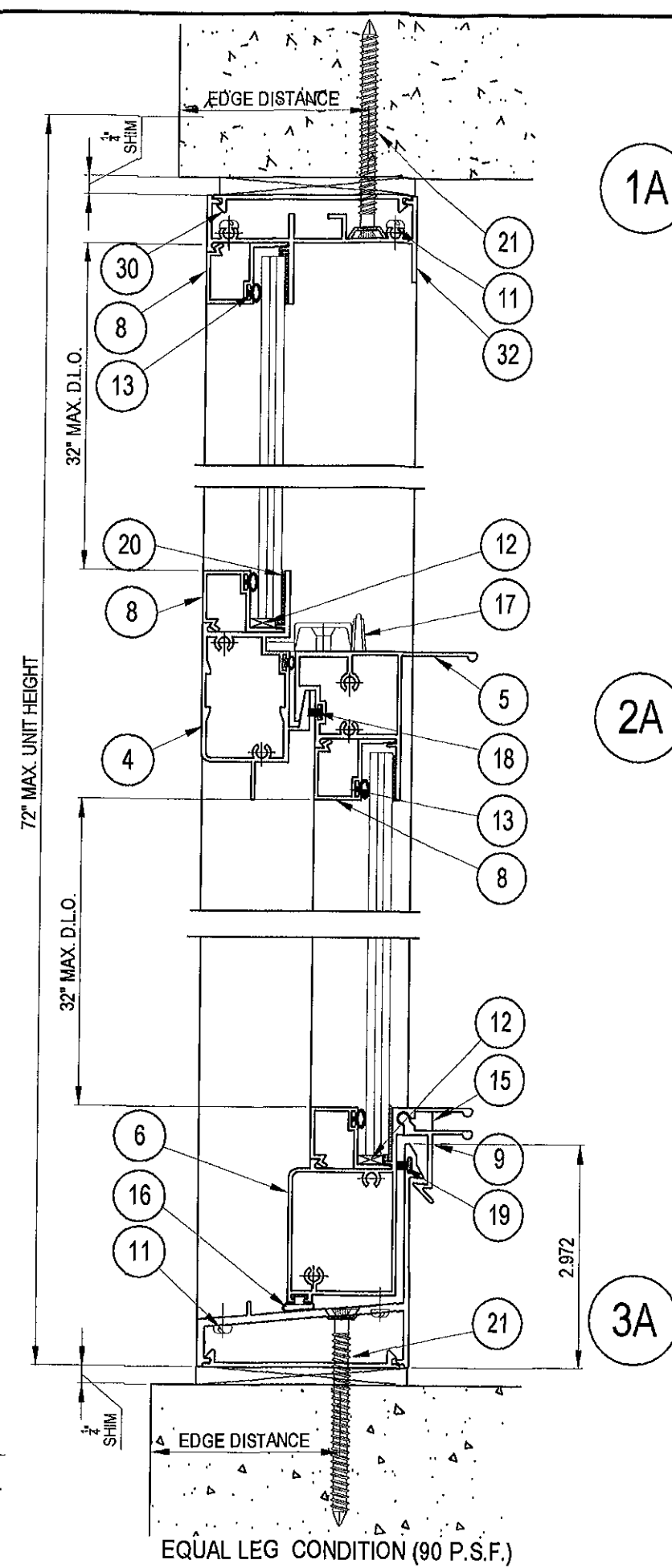
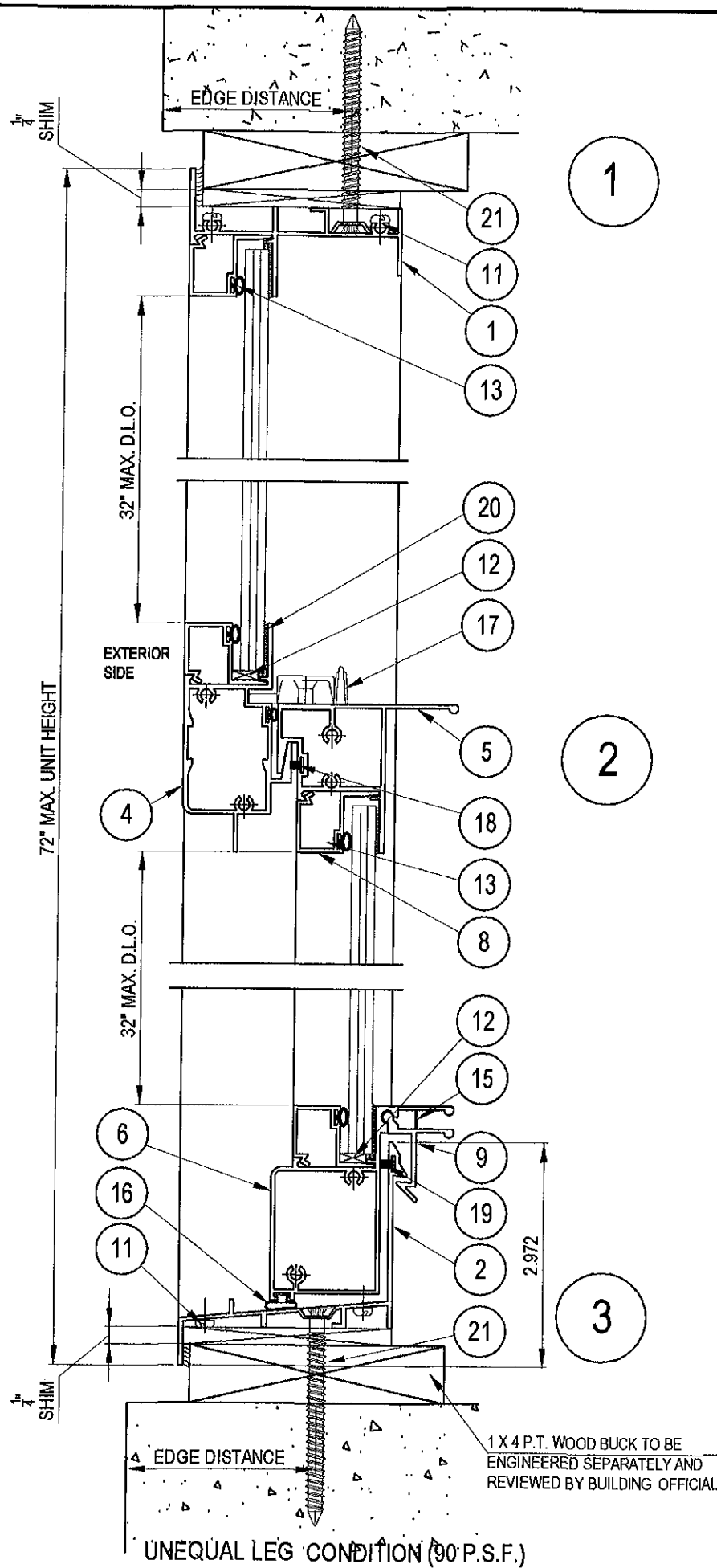
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DWG. BY: L.R.A.

CHK. BY: JV

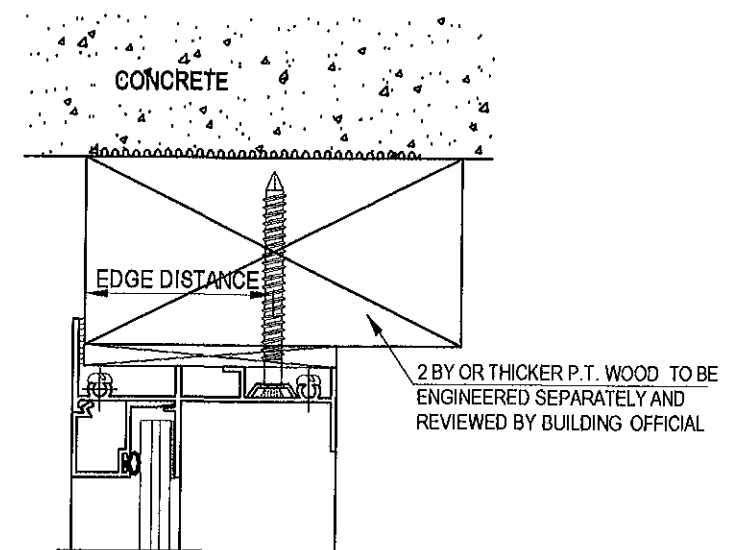
DWG NO.: 122-SH-N.I.

SHEET 1 OF 6



#### TYPICAL ANCHORS

- 1 3/4" DIAM TAPCON BY ELCO WITH 1 3/4" MIN. EMBEDMENT INTO SUBSTRATE & 2 1/2" MIN. EDGE DIST.
- 2 #14-20 KWIK FLEX SELF DRILLING BY HILTI SCREW INTO METAL STRUCTURES. ALUM. OR STEEL TO BE 1/8" MIN THICK.
- 3 #14 WOOD SCREW WITH 1 3/4" MIN. EMBEDMENT INTO WOOD STRUCTURE & 1" MIN. EDGE DIST.



ANCHORAGE OPTION INTO WOOD

Approved as complying with the  
Florida Building Code  
Date June 11, 2009  
NOA# 08-1216-06  
Miami Dade Product Control  
Division  
By Manuel Perez

**Jorge E. Valdes**  
**Fla. PE# 67398**

12/11/08  
J. Valdes

*Miami Wall Systems, Inc.*



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SINGLE HUNG WINDOW 122 SERIES NON-IMPACT

#### SECTIONS

REVISION

NO. DATE

DATE: 12/9/2008

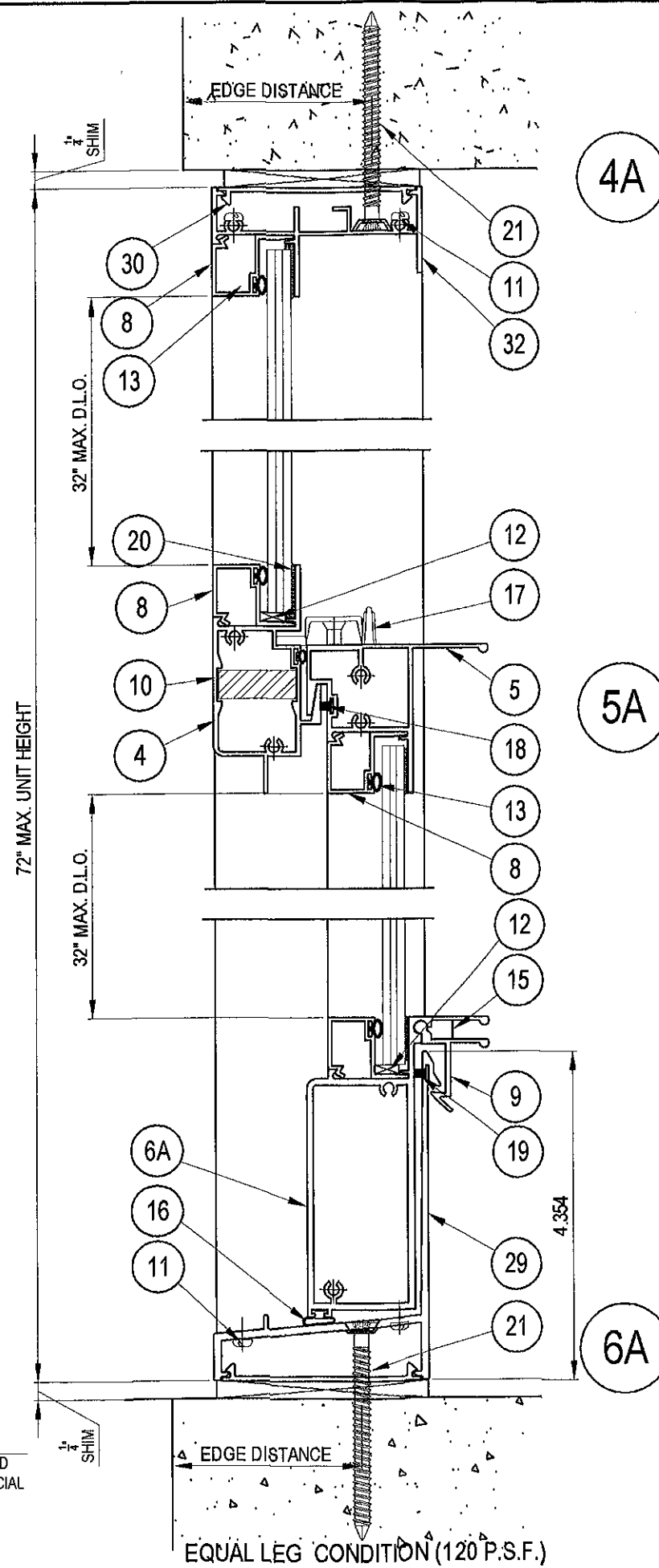
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DWG. BY: L.R.A.

CHK. BY: JV

DWG NO.: 122-SH-N.I.

SHEET 2 OF 6



- 1  $\frac{1}{4}$ " DIAM TAPCON BY ELCO WITH 1  $\frac{1}{4}$ " MIN. EMBEDMENT INTO SUBSTRATE & 2  $\frac{1}{2}$ " MIN. EDGE DIST.
- 2 #14-20 KWIK FLEX SELF DRILLING BY HILTI SCREW INTO METAL STRUCTURES. ALUM. OR STEEL TO BE  $\frac{1}{8}$ " MIN THICK.
- 3 #14 WOOD SCREW WITH 1  $\frac{1}{4}$ " MIN. EMBEDMENT INTO WOOD STRUCTURE & 1" MIN. EDGE DIST.



**Jorge E. Valdes**  
**Fla. PE# 67398**

12/11/08

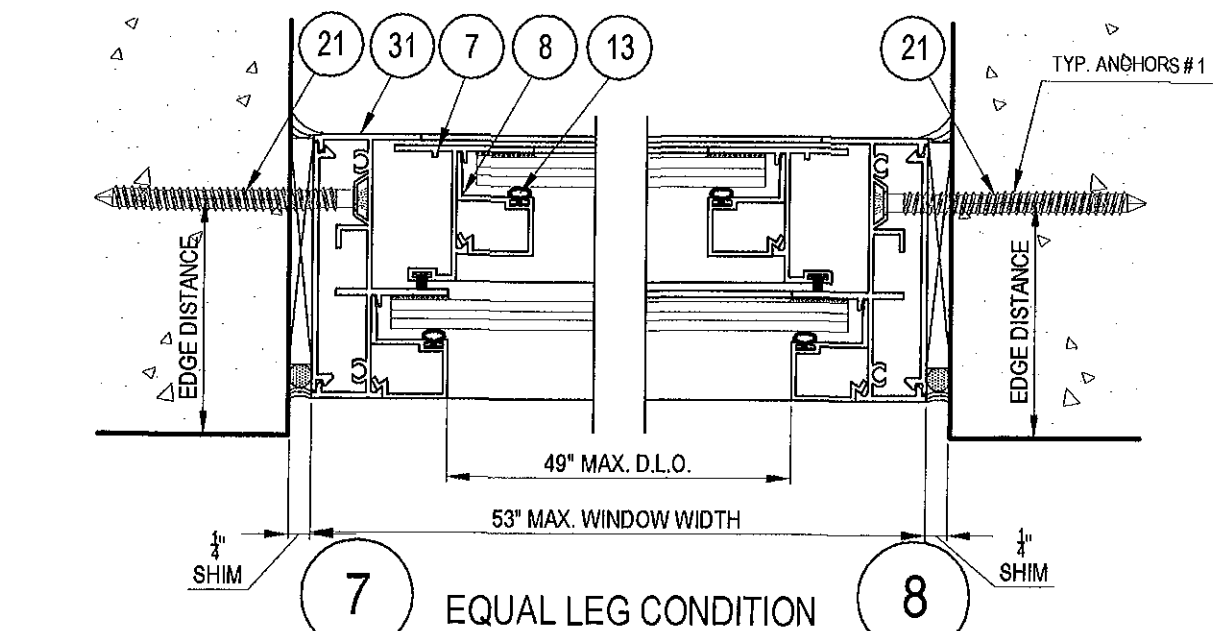
NO.	DATE	REVISION
DATE: 12/8/2008		
SCALE: AS NOTED		
DWG. BY: L.R.A.		
CHK. BY: JV		
DWG NO.: 122-SH-N.I.		
SHEET 3 OF 6		

*Miami Wall Systems, Inc.*

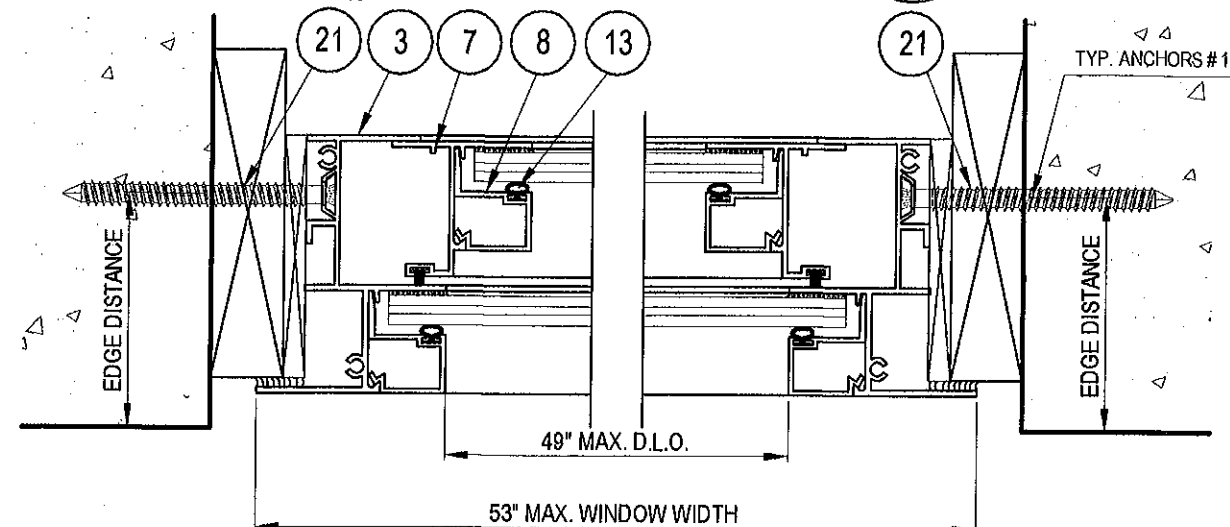


## SECTIONS

Phone: (305) 888-2300 Fax: (305) 888-3058



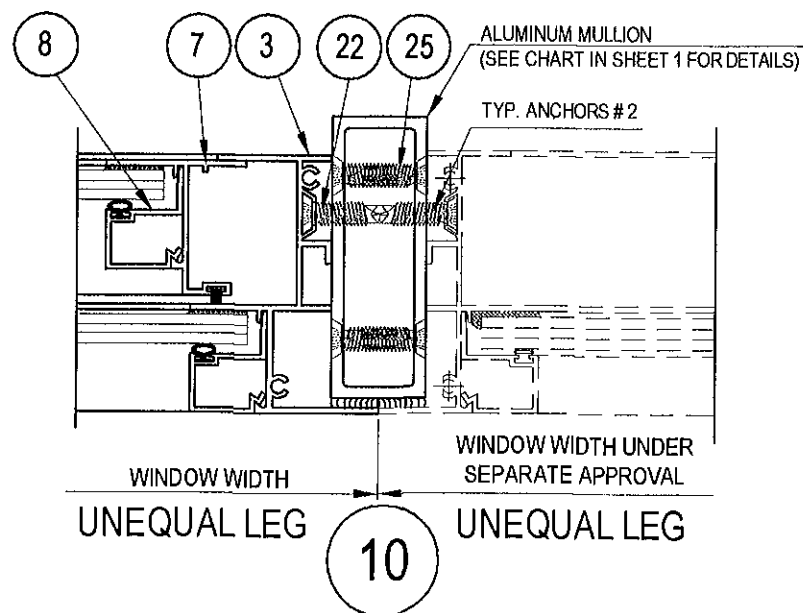
7 EQUAL LEG CONDITION



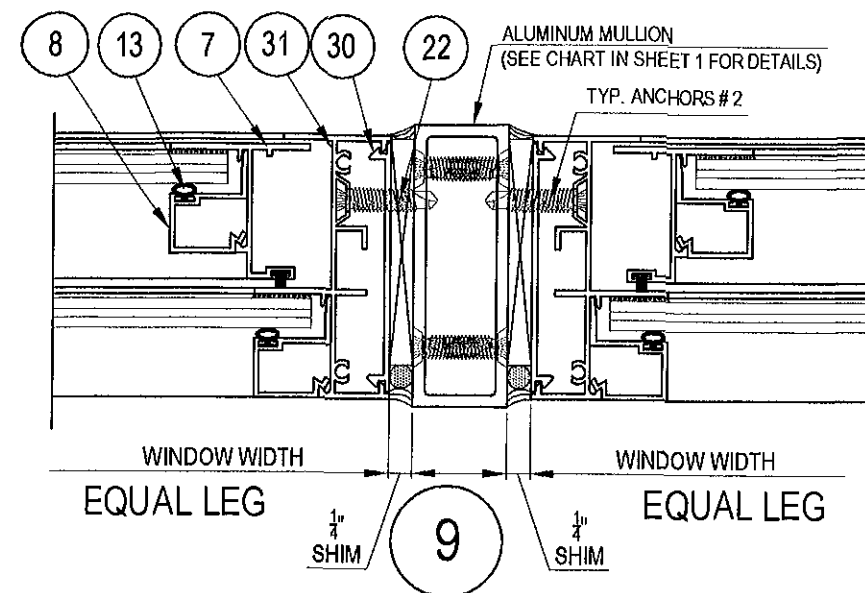
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UNEQUAL LEG CONDITION

8A



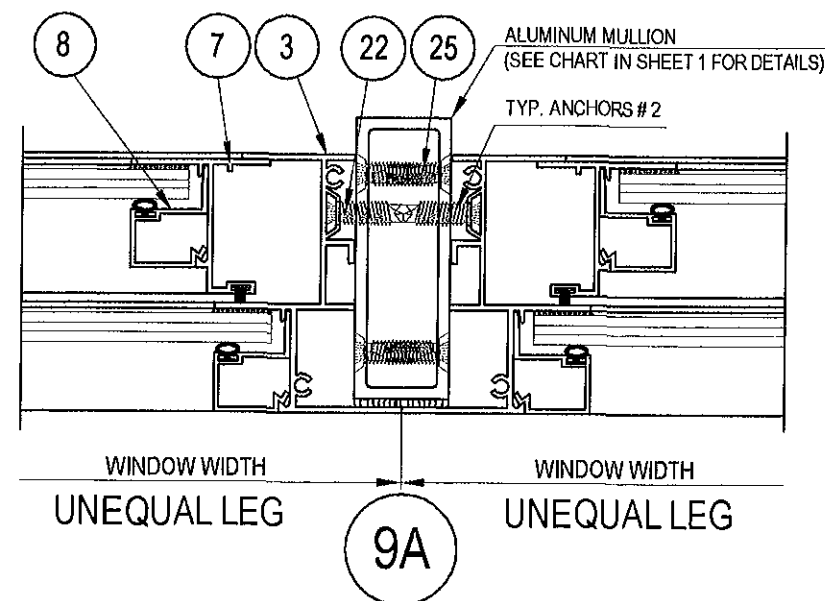
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EQUAL LEG

9

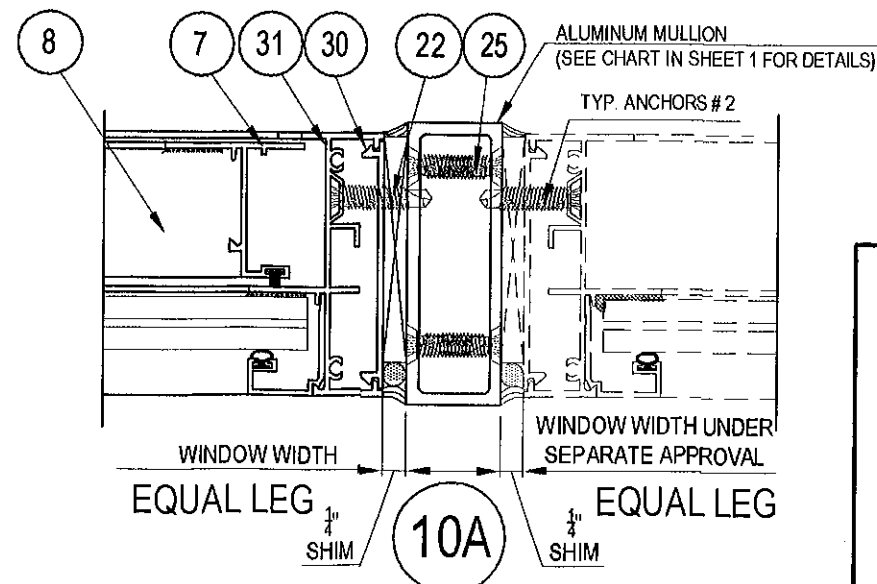
EQUAL LEG



UNEQUAL LEG

9A

UNEQUAL LEG



EQUAL LEG

10A

EQUAL LEG

Approved as complying with the  
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Date June 17, 2009  
NOA# 08-1216-06  
Miami Dade Product Control  
Division  
By [Signature]

**Jorge E. Valdes**  
**Fla. PE# 67398**

12/11/08  
[Signature]

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SINGLE HUNG WINDOW 122 SERIES NON-IMPACT

SECTIONS

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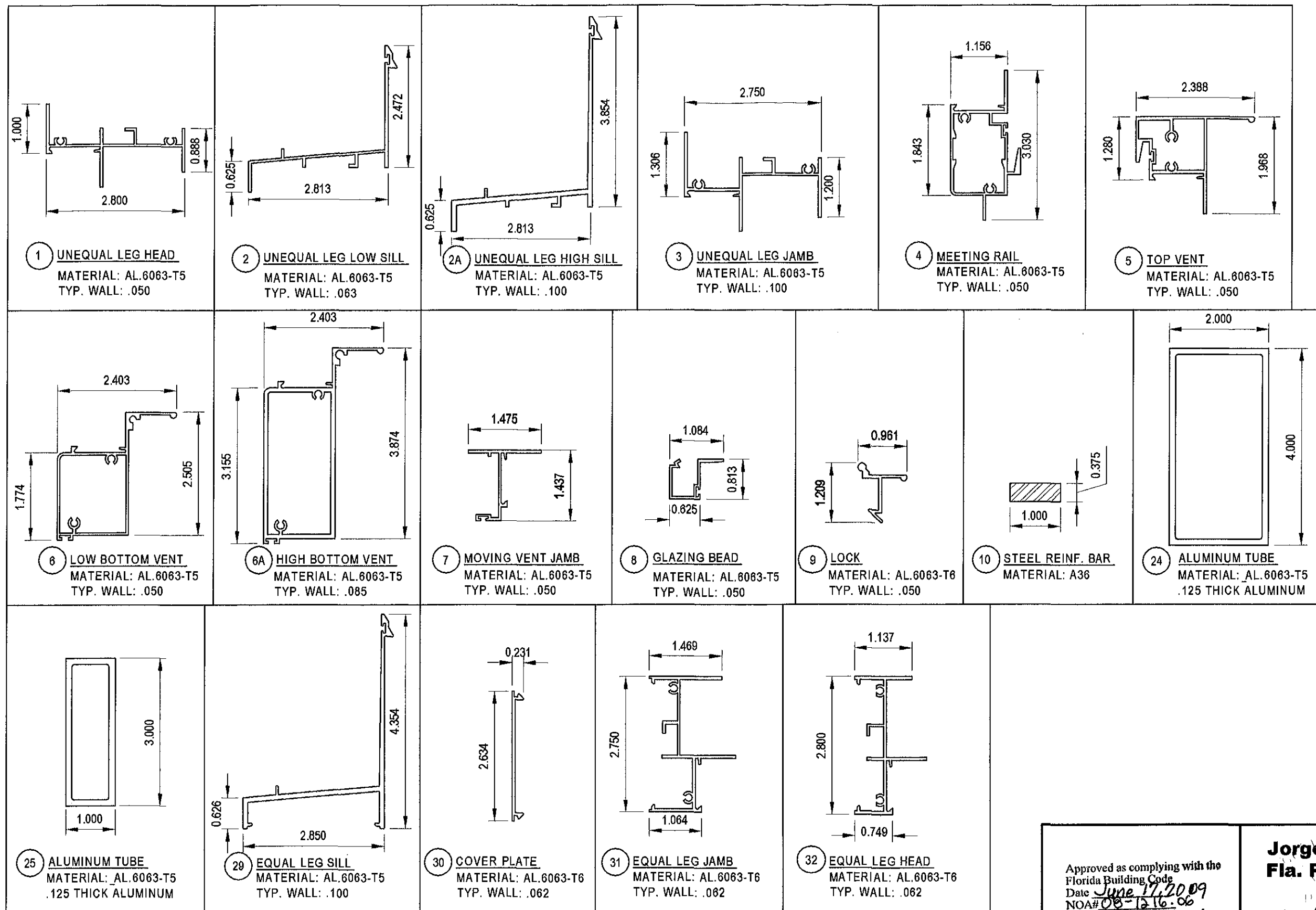
SCALE: AS NOTED

DWG. BY: L.R.A.

CHK. BY: JV

DWG NO.: 122-SH-N.I.

SHEET 4 OF 6



Approved as complying with the  
Florida Building Code  
Date June 17, 2009  
NOA# 08-1216-06  
Miami Dade Product Control  
Division  
By Mauricio Perez

**Jorge E. Valdes**  
**Fla. PE# 67398**

12/11/08  
Jorge E. Valdes

**Miami Wall Systems, Inc.**

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Hialeah, Florida, 33010

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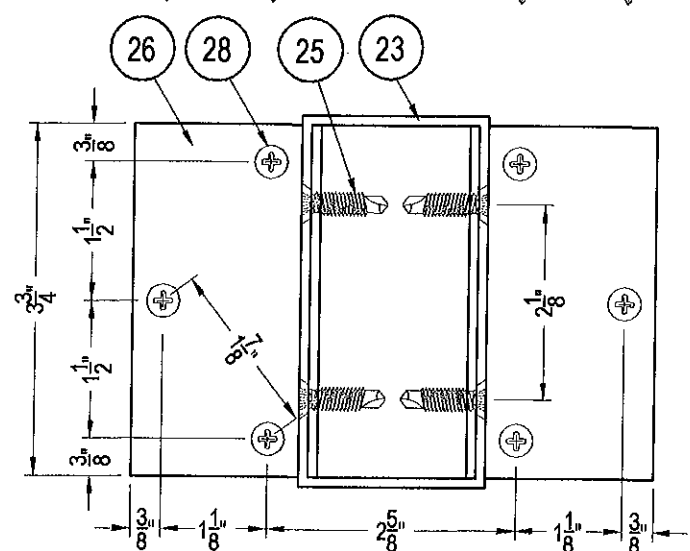
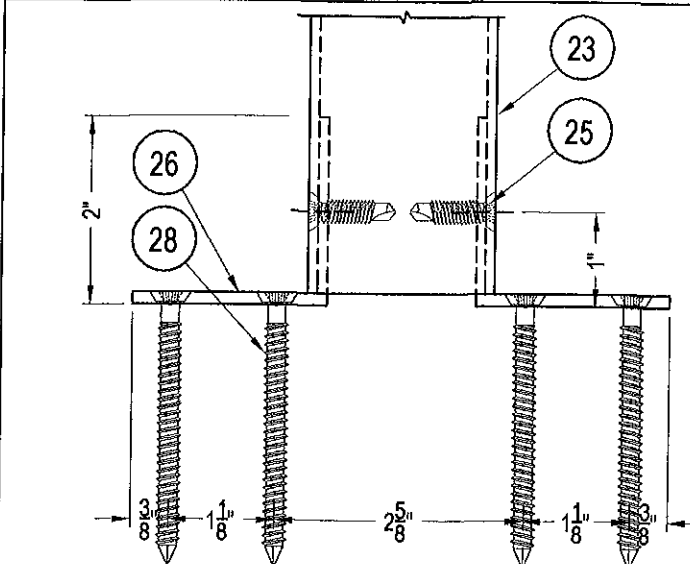
SINGLE HUNG WINDOW 122 SERIES NON-IMPACT

**EXTRUSION DETAILS**

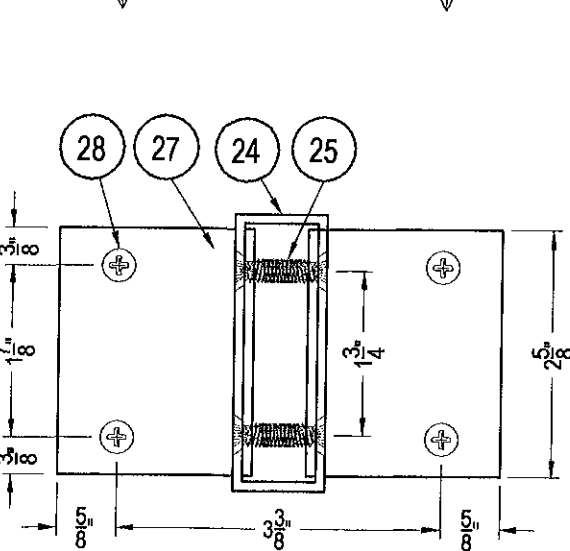
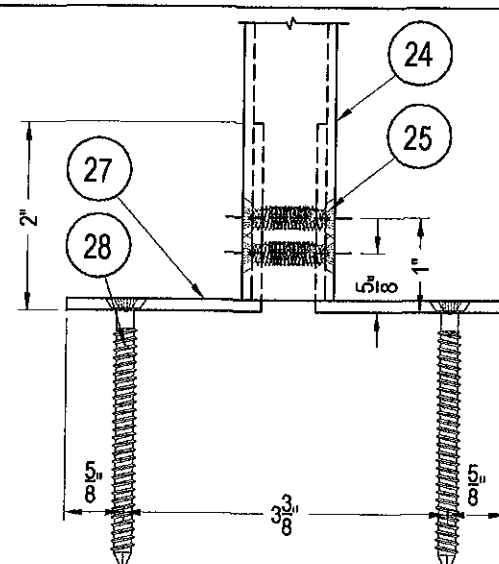
REVISION

NO. DATE

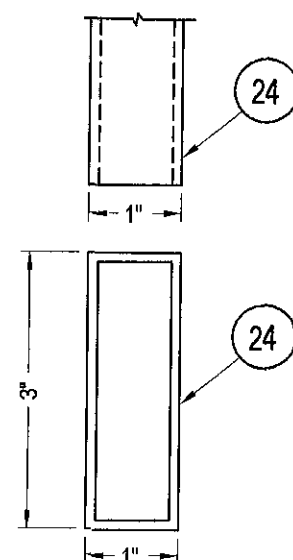
DATE: 12/9/2008  
SCALE: AS NOTED  
DWG. BY: L.R.A.  
CHK. BY: JV  
DWG NO.: 122-SH-N.I.  
SHEET 5 OF 6



MULLION TYPE 1  
(2" X 4" X 1/8" ALUMINUM TUBE)



MULLION TYPE 2  
(1" X 3" X 1/8" ALUMINUM TUBE)



MULLION TYPE 3  
(1" X 3" X 1/8" ALUMINUM TUBE)  
UNCLIPPED

ITEM NO.	PART NO.	REQUIRED	PART NAME	REMARKS
1	122-001	1	UNEQUAL LEG FR. HEAD	
2	122-002	1	LOW SILL	
2A	122-012	1	HIGH SILL	
3	122-003	2	JAMB	
4	122-004	1	MEETING RAIL	AT INTERLOCK
5	122-005	1	VENT TOP	
6	122-006	1	LOW BOTTOM VENT	
6A	122-013	1	HIGH BOTTOM VENT	
7	122-007	2	VENT JAMB	
8	122-008	8	GLAZING BEAD	1/4 GLASS TK.
9	122-009	2	LOCK	AT BOTTOM RAIL
10		1	STEEL BAR (A36) 3/8"X1"(FULL LENGTH)	AT MEETING RAIL (FOR UNITS AT 120 PSF)
11		8	FRAME ASSEMBLY SCREWS	#8 X 1 1/4" PHSMS S/S
12		2 PER SILL	SETTING BLOCK (NEOPRENE)	1/8" X 1/4" X 4"
13		AS REQ'D	BEAD BULB VYNIL	
14		4 / VENT	HORIZ. VENT GUIDE	
15		2 / VENT	LOCK SPRING	
16		AS REQ'D	BOTTOM VENT BULB VYNIL	
17		2 / VENT	CAM LOCK BY MWS	
18		AS REQ'D	FIN SEAL .180 HIGH	
19		AS REQ'D	FIN SEAL .25 HIGH	
20			GLAZING SILICONE	GE 4000, DOW CORNING 995, GE 2800
21		SEE ELEV.	INSTALLATION FASTENERS	
22		SEE ELEV.	JAMB / MULLION FASTENERS	#12 x 3/4" FH S.M.S.
23		MULLION	2" X 4" X 1/8" THK. ALUM. TUBE	
24		MULLION	1" X 3" X 1/8" THK. ALUM. TUBE	
25		2 / CLIP	ANGLE / MULLION FASTENERS	#14 x 3/4" TEK SCREW
26		4 / MULLION	2 X 2 X 1/8" X 3 3/4" ANGLE CLIP	
27		4 / MULLION	2 X 2 X 1/8" X 2 1/2" ANGLE CLIP	
28			1/2" DIAM. MULL. ANGLE INST. FASTENERS	
29	122-114	1	EQUAL LEG SILL	
30	122-111	4	COVER PLATE	
31	122-113	2	EQUAL LEG FR. JAMB	
32	122-110	1	EQUAL LEG FR. HEAD	

Approved as complying with the  
Florida Building Code  
Date: June 17, 2009  
NOA# 08-1216-06  
Miami Dade Product Control  
Division  
By: Maurice Ruiz

**Jorge E. Valdes**  
**Fla. PE# 67398**

12/11/08

REVISION

NO. DATE

DATE: 12/9/2008

SCALE: AS NOTED

DWG. BY: L.R.A.

CHK. BY: JV

DWG NO.: 122-SH-N.I.

SHEET 6 OF 6

SINGLE HUNG WINDOW 122 SERIES NON-IMPACT

SECTIONS &  
BILL MATERIALS

Miami Wall Systems, Inc.

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Hialeah, Florida, 33010

Phone: (305) 888-2300 Fax: (305) 888-3058